#### **EQUIPMENT/SUPPLIES**

The Southern Area Interagency Incident Support Cache (SAK) located in London, Kentucky, is a 2,500 person cache. It is used as a backup for supplies and equipment for interagency use. Please see Chapter 70 for telephone numbers.

The SAK currently utilizes ROSS and all supply orders for the cache will be submitted in ROSS, along with a follow-up phone call. The radio kits and cache vans will be submitted to SACC through ROSS and not the cache.

Each unit will compile a consolidated inventory of "critical" supply items maintained to NFES standards to support the fire supply system. These local inventory lists will be sent to the SAK Manager by April 1 each year.

## **EQUIPMENT/SUPPLIES MOBILIZATION**

Refer to the National Interagency Mobilization Guide, Chapter 40.

# **EQUIPMENT/SUPPLIES DEMOBILIZATION**

Refer to the National Interagency Mobilization Guide, Chapter 40.

## NATIONAL INTERAGENCY SUPPORT CACHE ORDERING PROCEDURES

Refer to the National Interagency Mobilization Guide, Chapter 40.

## SOUTHERN AREA INTERAGENCY FIRE CACHE ORDERING PROCEDURES

Emergency vs. Non-Emergency Orders: Fires and other emergency incidents will take priority over non-emergency orders. GSA (General Services Administration) is a primary source for non-emergency fire supplies and equipment. SAK is the primary source for emergency supplies and equipment.

**NFES Cache Orders:** It is essential that cache items be dispatched accurately and rapidly to meet emergency needs. The objective is to get the proper items in the correct amounts to the right place by the time specified by the ordering office. All orders for equipment and supplies will be placed in ROSS and sent to the state center or cache.

All units within the Southern Area must place NFES resource orders through State Coordination Centers; they will ensure the appropriate agency accounting information is identified, includes proper NFES numbers, and reimbursable form when needed, and a complete ship to street address with zip code, billing address, and point of contact.

## **Supply Orders:**

Orders for NFES cache supplies should be placed on supply orders. This includes the Southern Area local NFES items.

The radios and radio kits are now ordered as supplies, not equipment. Cache vans are ordered as supplies due to the van staying with the cache items. Radio Kits and Cache Vans are ordered through SACC. All other supply orders will be placed to SAK through the appropriate State Coordination Center with the exception of type 1 and type 2 teams. All type 1 & type 2 teams will go directly to the cache by sending the cache a list of NFES items requested and the cache will then place the items into ICBS and subsequently they will be automatically filled in ROSS. This does not apply to the pre-orders. If SAK does not carry (or is temporarily out of) an item, SAK will order it from another national fire cache and forward fill and shipping information to the requesting unit.

Those units placing orders for NFES kits are advised to check the kit contents in the NFES catalog. Some kits automatically come with a variety of related items that are necessary or supplemental to the basic operation of the kit. Other kits do not come with these supplemental items.

#### **Non-NFES Orders:**

Orders for non-NFES equipment and supplies (e.g., portable toilets, plywood, etc.) should be purchased locally or obtained from other sources within the state where the incident is located. These orders should not be placed with SACC or SAK.

# Field Office Replenishment During Fire Season:

Agencies will place orders to their servicing National Interagency Support Cache. Replenishment orders must be the result of fire management activities and must be accompanied with the appropriate cost code.

#### Field Office Replenishment Outside of Fire Season:

Whenever possible, field offices must order directly from GSA for those items stocked in the Federal Supply System. All other items will be ordered directly from suppliers unless individual agency instructions prevail.

## **Incident Replacement of NFES Items:**

Prior to release from an incident, personnel may request replacement of equipment and supplies that were consumed, lost, damaged or rendered unserviceable on the incident.

The IMT or other incident personnel may authorize replacement of items at the incident if available, or by approving an Incident Replacement Requisition; OF-315/NFES 001300 for replacement of NFES items by the incident's servicing cache. Should the replacement of the approved items not be feasible prior to demobilization of the requesting resource, the incident's servicing cache will forward the request to the resource's servicing cache.

Caches may only process requests for NFES items. Requests for non-NFES items should be requested on a separate incident replacement requisition to be processed by the home unit.

Please refer to the current Interagency Incident Business Management Handbook (Chapter 40) for procedures dealing with replacement of non-NFES supplies and equipment.

#### **Returns:**

To avoid delays in reconditioning and re-issuing of supplies and equipment, all reusable items should be returned directly to SAK as soon as the need has passed. Flammable or explosive substances (e.g., fusees, plastic sphere aerial ignition devices etc.) should not be returned from an incident to SAK if the original shipping container has been opened. Receiving units should not retain equipment for anticipated needs unless advance arrangements have been made with SACC.

Supplies and equipment being returned should be manifested prior to shipment, and a copy sent through ordering channels to SAK.

All equipment being returned, add documentation in ROSS identifying return, and it will be tracked in ROSS when the demobilization has been completed. If returned by mail or commercial shipper, release information must be included in ROSS documentation to include a Government Bill of Lading (GBL) number, a tracking number (e.g., certified mail, UPS, air bill or pro-number), and the number of pieces shipped.

Units returning equipment or supplies by commercial carrier or by their own transportation should route the shipment to:

USDA Forest Service Southern Area Interagency Incident Support Cache 788 Sublimity School Road London, KY 40744

Phone: 606-878-7430 ext. 0

In the case of very large and long-duration incidents, SACC may direct the Incident Management Team to return supply items to caches other than SAK.

After use on an incident, all radio equipment should be returned to the National Incident Radio Support Cache (NIRSC) at NIFC for refurbishment and return to the cache system.

Return radio equipment to:

National Incident Radio Support Cache 3833 South Development Avenue

Boise, ID 83705 Phone: 208-387-5644

The level of Area/National fire activity and competition for these resources will dictate which shipping method to use to return radio equipment for refurbishment (air freight, ground freight, etc.). The returning unit should contact SAK for direction on method of shipment. It is especially important to document and relay GBL numbers, tracking numbers when returning radio equipment so that the cache can track the resource in ROSS and ICBS.

Purchases of equipment and supplies by Buying Teams, Administrative Payment Teams, or Procurement Units for fire suppression should conform as closely as possible to NFES standards. Equipment and supplies purchased with Forest Service wildland fire suppression funds (WFSU), which are not provided through the NFES cache system, or which do not replace property lost or damaged during a fire, shall be placed into the fire supply system after the "fire season" (FSM 5161.46).

#### **Extended Duration Incidents:**

If an ordering office anticipates needing items longer than 30 days, this should be specified at the time of order, or within 30 days of the ordering date, so that SAK will not initiate billing procedures. Completed orders for equipment and supplies will be billed to the ordering unit after 30 days if the stock has not been returned to the cache. Prompt return of equipment to SAK is essential to return it to service.

## **Ordering Publications and Forms:**

SAK keeps in stock a limited supply of publications and ICS forms. Orders for publications or forms that are not charged to an incident, but to another account (such as training) should NOT be ordered through SAK. Rather, a requisition or purchase order should be submitted to the Great Basin Fire Cache in Boise. Please see the NFES catalog, Part 2 under "Ordering from This Catalog" for instructions.

## **NFES Catalog:**

The National Fire Equipment and Supply (NFES) catalog lists cache items and kits that are stocked throughout the country at the eleven NFES caches. The catalog is published annually, and can be obtained by ordering NFES #000362.

The NFES catalog is not all-inclusive of items or support that can be obtained from SAK. Items in the SAK inventory and are not available at other NFES caches are shown below:

**Non-Standard Area-Specific Items** 

NFES#	DESCRIPTION	UNIT OF ISSUE
007040	MIST BLOWER	EA
008608	VAN, MOBILE CACHE SUPPORT	EA

## **Ordering Supplies from GSA**

Supply orders that do not need immediate response should be placed with Defense Logistics Agency (DLA). The DLA is issued annually and lists most items used in wildfire suppression. To obtain information regarding DLA you can reference the SACC website under logistics and then Equipment/Supplies and there is a link that will guide you to the site with instructions.

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#### **Property Accountability**

Identification numbers for all traceable property will be recorded in ROSS on the Resource Order or the Issue Document from the Fire Cache. If any supplies or equipment are lost or damaged, the Incident will provide the Fire Cache with a completed AD-112 Report of Unserviceable, Lost or Damaged Property. Copies of the accounting form(s) (Issue Report) will be signed at the final destination, and one (1) copy returned to the appropriate fire cache.

The Logistics Section will handle property accountability on incidents. Documentation will be on the Resource Order in ROSS under documentation, Equipment Requisition and receipt, or property accounting forms AD-107 and AD-112, as appropriate.

It is the responsibility of the Interagency Incident Management Team to coordinate with and ensure accountability of equipment and supplies with the local unit organization prior to leaving the incident.

## Fire Loss/Use Accountability

The Cache Manager serving a Type 1 or 2 incidents will provide the affected unit with a Fire Loss/Use Report within 60 days after an incident returns to local management. This report shall include all information on equipment and supplies furnished by any NFES cache.

All items stocked by NFES Caches are categorized as traceable, durable, or consumable for accountability purposes. These categories are defined below and in the NFES Catalog:

- ➤ Traceable Items: Those items that a cache may track due to dollar value, sensitive property classification, limited quantities available or other criteria set by each geographic area cache. Traceable items are usually engraved or tagged with a cache identification number. These items must be returned to the issuing cache at the end of the incident use, or documentation must be provided to the issuing cache in the form of a Property Loss/Damage Report, OF-289 (NFES #001864). All traceable items are also considered durable. 100% accountability is expected of traceable items.
- Durable Items: Those cache items considered to have a useful life expectancy greater than one incident. High percentages of return for these items are expected. These items are not specifically cache-identified/tagged/engraved. Acceptable loss tolerance/use rates for durable goods have been **established**. Examples of durable items are: tents, heaters, lanterns, tables, hose, tools, sleeping bags, and personal protective equipment.
- > Consumable Items: Those items that are expected to be consumed during incident use. Consumable items returned in serviceable condition are credited to the incident. No loss tolerance/use rate percentages have been established. Examples of consumable items are: batteries, gloves, plastic canteens, cubitainers, forms, MREs, etc.

The individual unit is responsible for:

- Receiving equipment and supplies issued from the NFES fire cache inventory;
- Returning fire cache items to the NFES fire cache upon completion of the incident in accordance with established return policies;
- Accounting for lost or damaged equipment; and
- Ensuring that reviews of fire loss/use rates are conducted, follow-up investigations are made, and actions are taken.
- For more information, please refer to Forest Service Manual 5160.43 and 5161.

## **Guidelines for Sources of Service and Supply Plan**

To provide ready reference and guidelines to follow when securing supplies, services, and equipment for incidents, procurement of supplies shall be done at the local level to the extent that is practical and economical. Each unit shall maintain, as part of their service and supply plan, a listing of the local sources and 24-hour contacts for supplies, services and equipment.

# NATIONAL INCIDENT RADIO SUPPORT CACHE (NIRSC)

## NATIONAL RADIO SYSTEMS

Starter systems (NFES# 004390 ICS Command/Logistics Radio System) may be prepositioned at SAK. These systems will be returned to NIRSC at NIFC after each use, and whenever necessary, for refurbishment and inspection. Any additional starter systems or individual kits will be ordered on an as-needed basis by SACC from NICC. When a radio kit has been used, a replacement request will be created and the incident that requested the previous kit will pay shipping for the new request. The initial request must identify the assigned Incident Communications Technician (COMT) or the assigned Communications Unit Leader (COML) for the requesting incident. The name of the COMT or COML must be included in the special needs section of the resource order.

All maintenance and repair of "National" radio kits (e.g., Starter Systems, Command Tactical Radio kits, Ground Aircraft Radio/Link kits, L-Band Satellite Systems, etc.) is done at NIRSC. Unless SACC gives instructions otherwise, any NIRSC kit that has been opened, regardless of the length of usage, should be returned to NIFC for refurbishment. Used batteries, or any 7.5 volt or 9 volt batteries, should be pulled from kits prior to being mailed to NIFC (the incident will be charged for these batteries whether they are returned to NIFC or not). As with all resources, NIRSC equipment must be identified in the demobilization plan at an incident, and its release tracked through the resource ordering system ROSS.

## INCIDENT REMOTE AUTOMATIC WEATHER STATIONS, (IRAWS) NFES #005869

Requests for IRAWS will be placed with NICC through established ordering channels on a Supply order. All necessary IRAWS technicians, vehicles, or air transportation required for mobilization and demobilization will be provided by NIFC. Upon release from the incident, the IRAWS will be returned to NIFC. Refer to the National Interagency Mobilization Guide, Chapter 40.

## PROJECT REMOTE AUTOMATIC WEATHER STATIONS, (PRAWS) NFES #005870

Requests for PRAWS will be placed with NICC through established ordering channels on a Supply order. The PRAWS will be configured for the specific project prior to the mobilization. The requesting agency must contact the NIFC Remote Sensing Fire Weather Support Office at 208-387-5726 prior to ordering to determine the PRAWS configuration. All necessary PRAWS technicians, vehicles, or air transportation required for mobilization and demobilization will be provided by NIFC. Upon release from the project, the PRAWS will be returned to NIFC.

# FIRE/PROJECT REMOTE AUTOMATED WEATHER STATIONS (IRAWS – NFES 005869/PRAWS – NFES 005870)

Refer to the National Interagency Mobilization Guide. Chapter 40

# NATIONAL CONTRACT MOBILE FOOD SERVICE AND SHOWER FACILITIES UNITS

Refer to the National Interagency Mobilization Guide, Chapter 40.

For further information, please consult the National Mobile Food Service contract, the SACC Center Manager, the Equipment Section-NICC, Forest Service Contracting-NIFC, or the Boise National Forest.

The Interagency Mobile Food Service and Shower Facilities documents can be found on the following web site: <a href="http://www.fs.fed.us/fire/contracting/index.htm">http://www.fs.fed.us/fire/contracting/index.htm</a>

## CONTRACT ENGINES, HEAVY EQUIPMENT, BUSES, AND WATER TENDERS

The following principles and guidelines are set forth to establish some consistency within the Southern Area with regard to the hiring, dispatching and use of private sector engines, water tenders, heavy equipment, and buses. These principles and guidelines are established with the following objectives:

- Refer to Chapter 10 for Resource Mobilization Priorities.
- Forest Service incidents will utilize VIPR when agency and cooperator resources are not available. DOI agencies can, but are not obligated to use VIPR as well when agency and cooperator resources are not available.

## **EQUIPMENT & SUPPLIES - SPECIAL INFORMATION**

## **Mobile Cache Support Vans**

The Southern Area maintains up to eight cache vans, which are positioned at the SAK in London, KY for the purpose of providing tools and supplies during the initial shifts of a large fire mobilization. Cache vans can be ordered by an incident, in which case, SACC will coordinate with SAK to determine the appropriate van to move. It is the responsibility of the hosting incident to place the order for the cache vans. These vans are available for prepositioning as the need arises.

A "Cache Demob Specialist" (CDSP) should be ordered by the incident whenever a cache van is mobilized to an incident. This person will assist the Incident Management Team in packaging and manifesting supply and equipment for backhaul, and to ensure that Hazardous Materials Regulations are followed. Upon demob, if a van has been opened, the van will be returned to SAK for proper refurbishment.

Each cache van contains a standard inventory specific for the Southern Area. (See Chapter 40 for a list of contents).

## PORTABLE RETARDANT PLANTS

The Southern Area maintains (2) portable retardant plants (PAB), which are self-contained (see Chapter 40) semi-trailers and which can be prepositioned or moved to support incidents based on priorities determined by the SACC Center Manager, USFS Region 8 Regional Aviation Officer and the USFS Region 8 Emergency Operations Officer. Authority to the PABs is maintained by SACC. The USFS Region 8 Fixed Wing Operations Specialist has oversight and maintenance of the PAB's.

#### INFRARED DEVICES

Infrared Devices (IR) are ordered through established dispatch channels, and are generally mobilized with a qualified operator. An ordering unit can order an "infrared camera", or a specific type of camera (e.g., "Infrared camera with operator", "Xedar with operator"; "Video Therm with operator", "EEV with operator", etc.).

Handheld infrared cameras and all peripheral equipment are ordered through the regular dispatch channels. If an order comes in for equipment only, SACC should require the equipment to be shipped with operators, unless team members (or replacement team members) need to be ordered from a different unit than the equipment. When an order for a trainee/assistant, SACC should then order one of the cameras and one of the plotters, e.g., "Infrared camera with Hand-held Infrared Operator (HIOP) and with THSP-Plotter", or "Video Therm with Hand-held Infrared Operator (HIOP) and with THSP-Plotter", listed in Chapter 40.

## MEDICAL SUPPLIES

SAK maintains 100 person First Aid kits (NFES# 001760) for use on large incidents by qualified EMTs or Paramedics. The name of the assigned MEDL, EMT or paramedic must be provided to SAK before the request will be filled.

## **HAZARDOUS MATERIALS**

The items on the following list are normally shipped within the NFES fire cache system. These items are considered restricted/hazardous by either 49 CFR or specific carriers. The Departments of the Interior and Agriculture have exemptions that allow them to transport these items by air in support of fire activity.

Ground transport of hazardous materials is regulated by the U. S. Department of Transportation (DOT) and individual states' DOT's.

It is recommended that the local unit Hazardous Materials Coordinator/Specialist be involved in any large and long duration incident. Cache Demobilization Specialists (CDSP) are trained in Hazardous Materials regulations and procedures and should be ordered to assist Incident Management Teams with the handling of hazardous materials. For more information, please consult the Hazardous Materials Table, U.S. Forest Service Manual part 5716.12c, or BLM Manual part 351 DM, Chapter 8.

NFES#	ITEM	
000105	Fusee, fire starter	
000125	Lantern, gas	
000307	Extinguisher, fire 40 BC	
000319	Extinguisher, fire 30 BC	
000491	Cylinder, propane, 5 gallon	
001361	Fuel, white gas	

#### HAZARDOUS MATERIALS IN KITS

NFES#	ITEM
000270	Air Operations Kit
000480	Coffee, Heating Kit
000520	Helicopter Support Kit
001835	Field First Aid Station, 500+ Person Kit

## The following also contain hazardous/restricted items:

- > Retardant plants
- > Fusee launcher kits
- Fire weather forecaster kits
- > 100 unit incident camp kit

#### NATIONAL INTERAGENCY RADIO SUPPORT CACHE (NIRSC)

Refer to the National Interagency Mobilization Guide Chapter 40\_ (NFES 000968), or the NWCG National Equipment Systems Catalog, Part 1, Fire Supplies and Equipment (NFES 000362), Communications Section.

## SOUTHERN AREA RADIO CACHE

The Southern Area may preposition two NFES 4390 Starter System radio kits at the Southern Area Incident Support Cache. SACC will process all resource orders for radio kits and cache vans.

## NATIONAL CONTRACT MOBILE FOOD SERVICE AND SHOWER FACILITIES

Refer to the National Interagency Mobilization Guide Chapter 40. You can find more information in the Interagency Mobile Food Service Facilities publication, NFES 001276. This information is also available on the web at: <a href="http://www.nifc.gov/contracting/">http://www.nifc.gov/contracting/</a>

# ENGINES, TRACTOR PLOWS AND WATER TENDERS

Engines should be ordered by type, as outlined in Appendix A of the NWCG Fireline Handbook.

When ordering engines, engine boss and engine operators are mobilized as part of the equipment; not as separate overhead requests.

Tractor Plows are ordered by type, as outlined in Appendix A of the Fireline Handbook. Operators are mobilized as part of the equipment.

Water Tenders are ordered by type, as outlined in Appendix A of the Fireline Handbook. Drivers are mobilized as part of the equipment.

<sup>\*</sup> This list is not all inclusive; some items used for all-hazard incidents may not be listed above.

# SOUTHERN AREA MOBILE CACHE VANS

There are eight NFES# 8608 Mobile Cache Support Vans in the Southern Area. Each van contains the following items. \*\*\*\*These are non-standard kits and contents differ from NFES catalog #2069. All NFES #s when placing in ROSS will have to add two extra zeros in the beginning of number. Example: 4390 will now be 004390.

QTY	UNIT OF ISSUE	NFES#	DESCRIPTION
4	BX	0021	BAG, GARBAGE
250	EA	1062	BAG, SLEEPING
24	EA	0027	BASIN, 4 QT
120	PG	0030	Battery, "AA"
48	PG	0033	Battery, "D"
5	EA	7040	Blower, Leaf
5	EA	0606	Can, Gas, 5 Gallon Dot
200	EA	0037	Canteen, 1qt W/O Cover
15	EA	2047	Chair, Folding
5	EA	0557	Chest, Ice
2	EA	0046	Clamp, Hose, Shut-off, 1"-1 1/2"
1	BX	0048	Container, 5 Gallon
10	EA	0073	Container, Hot Food/Drink
5	EA	1172	Cord, Extension, 100'
6	EA	0560	Cord, Extension, 50'
1	SL	0533	Cord, Nylon Shroud
2	BX	0465	Cup, Paper, Plastic Coated
1	EA	0587	Driver, Fence Post

QTY	UNIT OF ISSUE	NFES#	DESCRIPTION
3	EA	3161	Easel, Display, W/Folding Legs
2	EA	0307	Extinguisher, Fire, 20 Lb.
48	EA	0060	File, 10", Flat
5	RO	0534	Flagging, Perimeter, Multicolor, 100'
8	EA	0070	Fly, Tent
3	PG	0866	Form, Of-288, Fire Time Report
10	BX	0105	Fusee, Fire Starter, 10 Minute
2	EA	0709	GENERATOR, 3-6 KW
10	PR	1294	Glove, Small
20	PR	1295	Glove, Medium
20	PR	1296	Glove, Large
10	PR	1297	Glove, X-Large
50	PR	0318	Goggles, Safety
96	EA	0667	Headlamp, Single Cell Ea
1	EA	1858	Hammer, Sledge, 8lb
1	EA	0598	Hand Truck
48	EA	0063	Handle, File, 10" To 14" Files
20	EA	0109	Helmet, Safety
12	EA	1034	Holder, Battery, Clamshell
20	LG	1016	Hose, Garden, <sup>3</sup> / <sub>4</sub> " NH x 50'
10	LG	1238	Hose, Synthetic, Lined, 1" NPSH x 100'
20	LG	1239	Hose, Synthetic, Lined, 1 ½" NH x 100'
10	PR	2800	Jeans, BDU, 26-30 x 29
10	PR	2802	Jeans, BDU, 30-34 x 29
10	PR	2804	Jeans, BDU, 34-38 x 29
15	PR	2701	Jeans, BDU, 28-32 x 33

20	PR	2703	Jeans, BDU, 32-36 x 33
20	PR	2706	Jeans, BDU, 38-42 x 33
10	EA	0943	Jug, Insulated, 5 GL
1	KT	1675	Contagious Disease Barrier, Multi Person
5	EA	1660	Contagious Disease Barrier, Mutai Terson  Contagious Disease Barrier, Individual
2	KT	0340	Kit, Chain Saw
1	KT	0340	Kit, Chain Saw  Kit, Finance Section
10	KT	1143	Kit, First Aid, 10 Person, Belt
40	KT	0067	Kit, First Aid, 10 Ferson, Bett  Kit, First Aid, Pocket
1	KT	0520	Kit, Filst Aid, Focket  Kit, Helicopter Support
1	KT	0320	Kit, Incident Base Maintenance
2	KT	6051	Kit, Incident Base Maintenance  Kit, Lighting
1	KT	0910	Kit, Lighting  Kit, Logistic Section
2	KT	0760	Kit, Logistic Section  Kit, Office Supplies
1	KT	0800	**
			Kit, Planning Section
2	KT	0870	Kit, Pump, Mark III
1	KT	Q2990	Kit, Record Retention
1	KT	0970	Kit, Security, Fence
1	KT	1031	Kit, Sign, Incident
1	KT	0663	Kit, Spill
1	EA	0586	Ladder, Step
12	EA	2501	Lantern, Fluorescent
2	BX	3009	Light Stick, Green
2	BX	3007	Light Stick, Red
2	BX	3012	Light Stick, Yellow
QTY	UNIT OF ISSUE	NFES#	DESCRIPTION
_			
10	BX	1842	MRE "Meals Ready To Eat"
10 20	BX EA	1842 1081	MRE "Meals Ready To Eat" Nozzle, Combination, Barrel, KK, 1" NPSH
10 20 20	BX EA EA	1842 1081 0136	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, 3/4" NH, Adjust Brass
10 20 20 12	BX EA EA QT	1842 1081 0136 0651	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass  Oil, 30 Wt.
10 20 20 12 20	BX EA EA QT EA	1842 1081 0136 0651 0744	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass  Oil, 30 Wt.  Packsack, Waterproof, Duck
10 20 20 12 20 20 250	BX EA EA QT EA EA	1842 1081 0136 0651 0744 1566	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass  Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping
10 20 20 12 20 250 3	BX EA EA QT EA EA EA PD	1842 1081 0136 0651 0744 1566 0250	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck Pad, Sleeping  Paper, Easel 27"x 34"
10 20 20 12 20 250 3 1	BX EA EA QT EA EA PD BX	1842 1081 0136 0651 0744 1566 0250 0142	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass  Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet
10 20 20 12 20 250 3 1	BX EA EA QT EA EA PD BX EA	1842 1081 0136 0651 0744 1566 0250 0142 0089	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent
10 20 20 12 20 250 3 1 12 24	BX EA EA QT EA EA PD BX EA EA EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright
10 20 20 12 20 250 3 1 12 24 50	BX EA EA QT EA EA PD BX EA EA EA EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet Pole, Ridge For 14'x16' Tent Pole, Upright Pulaski W/ Sheath
10 20 20 12 20 250 3 1 12 24 50	BX EA EA QT EA EA PD BX EA EA EA EA EA EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post
10 20 20 12 20 250 3 1 12 24 50 1 20	BX EA EA QT EA EA EA PD BX EA EA EA EA EA EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack
10 20 20 12 20 250 3 1 12 24 50 1 20	BX EA EA QT EA EA PD BX EA EA EA EA EA EA EA EA EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand
10 20 20 12 20 250 3 1 12 24 50 1 20 1	BX EA EA QT EA EA PD BX EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149 2332	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand  Rack, Garbage, Wire Frame
10 20 20 12 20 250 3 1 12 24 50 1 20 1 10 150	BX EA EA QT EA EA EA PD BX EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149 2332 1807	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand  Rack, Garbage, Wire Frame  Rake, Fire, Council Tool
10 20 20 12 20 250 3 1 12 24 50 1 20 1 10 150 20	BX EA EA QT EA EA PD BX EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149 2332 1807 0733	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand  Rack, Garbage, Wire Frame  Rake, Fire, Council Tool  Reducer, 1" NPSH-F to ¾" NH-M
10 20 20 12 20 250 3 1 12 24 50 1 20 1 10 150 20 10	BX EA EA QT EA EA PD BX EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149 2332 1807 0733 0009	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand  Rack, Garbage, Wire Frame  Rake, Fire, Council Tool  Reducer, 1" NPSH-F to ¾" NH-M  Reducer, 1 ½" NH-F to 1" NH-M
10 20 20 12 20 250 3 1 12 24 50 1 20 1 10 150 20 10 12	BX EA EA QT EA EA PD BX EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149 2332 1807 0733 0009 0279	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand  Rack, Garbage, Wire Frame  Rake, Fire, Council Tool  Reducer, 1" NPSH-F to ¾" NH-M  Reducer, 1 ½" NH-F to 1" NH-M  Ribbon, Flagging, Red 1"
10 20 20 12 20 250 3 1 12 24 50 1 20 1 10 150 20 10 12	BX EA EA QT EA EA PD BX EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149 2332 1807 0733 0009 0279 2398	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand  Rack, Garbage, Wire Frame  Rake, Fire, Council Tool  Reducer, 1 ½" NH-F to 1" NH-M  Ribbon, Flagging, Red 1"  Ribbon, Flagging, Florescent Orange
10 20 20 12 20 250 3 1 12 24 50 1 20 1 10 150 20 10 12 12 15 10 15 10 10 10 10 10 10 10 10 10 10	BX EA EA CT EA EA PD BX EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149 2332 1807 0733 0009 0279 2398 0144	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand  Rack, Garbage, Wire Frame  Rake, Fire, Council Tool  Reducer, 1" NPSH-F to ¾" NH-M  Ribbon, Flagging, Red 1"  Ribbon, Flagging, Florescent Orange  Sheeting, Plastic, Black 20'x100'
10 20 20 12 20 250 3 1 12 24 50 1 20 1 10 150 20 10 12 12 24 50 25 20 25 24 25 26 27 20 20 20 20 20 20 20 20 20 20	BX EA EA QT EA EA PD BX EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149 2332 1807 0733 0009 0279 2398 0144 0143	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand  Rack, Garbage, Wire Frame  Rake, Fire, Council Tool  Reducer, 1" NPSH-F to ¾" NH-M  Reducer, 1 ½" NH-F to 1" NH-M  Ribbon, Flagging, Red 1"  Ribbon, Flagging, Florescent Orange  Sheeting, Plastic, Black 20'x100'  Sheeting, Plastic, Clear 10'x100'
10 20 20 12 20 250 3 1 12 24 50 1 20 1 10 150 20 10 12 12 24 50 50 1 50 1 50 50 50 50 50 50 50 50 50 50	BX EA EA CT EA EA PD BX EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149 2332 1807 0733 0009 0279 2398 0144	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand  Rack, Garbage, Wire Frame  Rake, Fire, Council Tool  Reducer, 1" NPSH-F to ¾" NH-M  Ribbon, Flagging, Red 1"  Ribbon, Flagging, Florescent Orange  Sheeting, Plastic, Black 20'x100'
10 20 20 12 20 250 3 1 12 24 50 1 20 1 10 150 20 10 12 12 5 5 5 5 5 5 5 5 5 5 5 5 5	BX EA EA QT EA EA PD BX EA EA EA EA EA EA EA EA EA CA EA EA CA EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149 2332 1807 0733 0009 0279 2398 0144 0143 0925 0522	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand  Rack, Garbage, Wire Frame  Rake, Fire, Council Tool  Reducer, 1" NPSH-F to ¾" NH-M  Reducer, 1 ½" NH-F to 1" NH-M  Ribbon, Flagging, Red 1"  Ribbon, Flagging, Florescent Orange  Sheeting, Plastic, Black 20'x100'  Shelter, Fire, w/ Case  Shirt, Fire, X-Small
10 20 20 12 20 250 3 1 12 24 50 1 20 1 10 150 20 10 12 12 24 50 50 1 50 1 50 50 50 50 50 50 50 50 50 50	BX EA EA CT EA EA PD BX EA CA EA	1842 1081 0136 0651 0744 1566 0250 0142 0089 0083 0146 0011 1149 0149 2332 1807 0733 0009 0279 2398 0144 0143 0925	MRE "Meals Ready To Eat"  Nozzle, Combination, Barrel, KK, 1" NPSH  Nozzle, Garden Hose, ¾" NH, Adjust Brass Oil, 30 Wt.  Packsack, Waterproof, Duck  Pad, Sleeping  Paper, Easel 27"x 34"  Paper, Toilet  Pole, Ridge For 14'x16' Tent  Pole, Upright  Pulaski W/ Sheath  Puller, Fence Post  Pump, Backpack  Pump, Barrel, Hand  Rack, Garbage, Wire Frame  Rake, Fire, Council Tool  Reducer, 1" NPSH-F to ¾" NH-M  Ribbon, Flagging, Red 1"  Ribbon, Flagging, Florescent Orange  Sheeting, Plastic, Black 20'x100'  Shelter, Fire, w/ Case

30	EA	0579	Shirt, Fire, Large
30	EA	0580	Shirt, Fire, X-Large
5	EA	2078	Shirt, Fire, Large Long
5	EA	2079	Shirt, Fire, X-Large Long
50	EA	0171	Shovel, Fire
2	BX	0208	Soap, Hand, 3oz case
60	EA	0825	Stake, Tent, Metal
10	EA	2698	Table, Folding, 30"x 72"
10	RO	0071	Tape, Duct 2"x 60yd
5	RO	0619	Tape, Electrical 1"x 36yd
18	RO	0222	Tape, Filament 1"x 60yd
1	BX	0240	Towel, Paper, 2 Ply Roll
1	EA	1070	Trailer, Semi
20	EA	0738	Valve, Shut-off, Zinc, Ball, ¾" NH
10	EA	0259	Valve, Wye, Gated, 1" x 1" x 1"
10	EA	0231	Valve, Wye, Gated, 1 ½" NH-F
20	EA	0272	Valve, Wye, Gated, Zinc, 3/4" x 3/4" x 3/4"
30	EA	2725	Wedge, Felling

Contagious Disease Barrier (NFES#1675) containing the following items:

QTY	UNIT OF ISSUE	DESCRIPTION
2	PR	Glasses, clear safety w/ anti-fog coating
10	EA	Gown, polycoated blue, unsized w/sleeves, hood,
		elastic wrists, and face enclosure
10	PR	Glove, nitrile, large
10	EA	Mask, 3M 9010 N95
10	PR	Shoe covers/ disposable w/non-skid bottoms
3	EA	Bag, biohazard

# HAND HELD INFRARED SYSTEMS

Many units within the Southern Area maintain hand held infrared systems. The following lists hand held equipment and its location within the Southern Area. Order the systems through normal dispatch channels.

<b>Equipment Description</b>	Home Unit	Contact Information
Thermacam PM515	SC-FMF	Francis Marion/Sumter NF
		Custodian: Stephen Polk (803) 561-4086
		Camera will not be shipped w/o operator.
Palm IR-250 Infrared Camera	KY-DBF	Daniel Boone National Forest
		Custodian: Bonnie Johnson (606) 745-3172
		Camera will not be shipped w/o qualified operator.
GPS Unit (Mark V or better)		Numerous units available at team members' home
		forests
Raytheon Infrared Palm IR-250	AL-ALF	National Forests in Alabama
		Custodian: Cathy Cline (334) 241-8107
Raytheon Infrared Palm IR-250	AL-ALF	National Forests in Alabama
		Custodian: Cathy Cline (334) 241-8107

## PORTABLE RETARDANT PLANTS

There are two Portable Retardant Bases in the Southern Area. Each base kit is self-contained in a semi-trailer that also has office space. Each is pre-wired for electrical and telephone service, and also has a back-up generator. These kits come complete with hoses, valves, fittings, service and support equipment, and safety items to operate a two-pit airtanker base.

QTY	UNIT OF ISSUE	NFES#	DESCRIPTION
1	EA		Featherlite 52' tandem-axle trailer
1	EA		Facsimile/Printer/Copier
1	EA		VHF-AM/VHF-FM radio with antennas and cables
4	EA		VHF-AM Walkie-talkies w/ headsets and adapters
3	EA		Telephones
	Assorted		Manuals, Office supplies, Forms
2	EA		2500 gallon Poly-Tanks
3	EA		Gorman-Rupp VG4-D or VH4-D pumps
1	EA		Model 350 retardant eductor
1	EA		Micro-Motion mass flow meter
1	EA		3,600 gallon containment berms
2	EA		200 gallon Containment berms
3	EA		Fire extinguishers
1	EA		Pressure washer (gasoline powered)
1	EA		10 KW portable generator
1	EA		Awning kit
1	EA		Toolbox (Complete)
Varies			4" Hard Suction Hose
Varies			3" Hard Suction Hose
1500	Feet		3" Fire Hose